Message

From: Sarmiento, Loveriza@DTSC [Loveriza.Sarmiento@dtsc.ca.gov]
Sent: 12/2/2016 11:31:34 PM
To: Wilson, Patrick [Wilson.Patrick@epa.gov]; Bartlett, Russell (CDPH-DEODC-EHIB) [Russell.Bartlett@cdph.ca.gov]; ZIFF, SARA [ZIFF.SARA@EPA.GOV]
CC: Windgasse, Gabriele (CDPH-DEODC-EHIB) [Gabriele.Windgasse@cdph.ca.gov]; Jeng, Cy@DTSC [Cy.Jeng@dtsc.ca.gov]; Pathak, Amit@DTSC [Amit.Pathak@dtsc.ca.gov]; Sweel, Greg@DTSC [Greg.Sweel@dtsc.ca.gov]
Subject: RE: Riverside Ag Park PCB Site: Calif. Central Valley PCB Congener Dataset - Anthropogenic Background Concentrations
Attachments: removed.txt

Sorry, just got to this email today.
I have the following comments/questions:

- Table 4.10.2 lists the soil data based on PCB congeners. While it shows that mono-ortho substituted PCBs (118 and 105), least toxic, were consistently present at higher concentrations than the other detected PCB congeners, the soil samples at Riverside Ag are being analyzed (I thought) for Aroclors rather than for specific congeners.

  Is the plan to potentially suggest that if we happen to detect PCBs off-site, these are likely to be the least toxic congeners? I'm not sure this is a convincing argument.

- The RfDs and RfCs for Aroclors, and PCBs categorized as high risk, low risk, lowest risk, have been withdrawn from IRIS, and have not been in the EPA RSL tables since 2015 or possibly earlier. Therefore, no RELs.

- Similarly, OEHHA does not include Aroclors/PCBs in the published list of RELs.

Just a few things we should mull over - - -

Riz

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From: Wilson, Patrick [mailto:Wilson.Patrick@epa.gov]
Sent: Wednesday, November 23, 2016 3:13 PM
To: Bartlett, Russell (CDPH-DEODC-EHIB); ZIFF, SARA
Cc: Windgasse, Gabriele (CDPH-DEODC-EHIB); Jeng, Cy@DTSC; Tasnif-abbasi, Maryam@DTSC; Pathak, Amit@DTSC; Sarmiento, Loveriza@DTSC; Sweel, Greg@DTSC; Lofstrom, Dot@DTSC; Armann, Steve
Subject: Riverside Ag Park PCB Site: Calif. Central Valley PCB Congener Dataset - Anthropogenic Background Concentrations

Good Afternoon Gabriele & Russ,

I hope this message finds you both doing well & preparing for a terrific Thanksgiving holiday!

Based on our last discussion, I wanted to share the findings from PCB congener analysis of soils, air & vegetation collected in California's central valley communities of Fresno, Hanford & Coalinga. As I discussed, this dataset was collected by the Chemical Waste Management (CWM) facility in Kettleman City, Calif as part of their effort to characterize anthropogenic background concentrations. These findings were compiled to support a site-specific facility risk assessment which was conducted pursuant to a TSCA permit evaluation & decision.

The report containing the PCB congener dataset can be found at: https://www3.epa.gov/region9/kettleman/docs/pcb-congener-study-final.pdf

More specifically, the soil results are located at: **Table 4.10.2 Summary of Fresno, Hanford, and Coalinga Soil Sampling Results**

In addition, I wanted to provide the equation used to determine the health-based dust concentration limit for PCBs at the site:
Health (Risk)-based Dust Concentration Limit = REL (reference exposure limit) (note: the REL is either the EPA reference dose/ref. conc. or ATSDR CREG)/(Max concentration found in soils)(conversion factor)

Please don't hesitate to give me a call to discuss in-detail.

Kind Holiday Wishes

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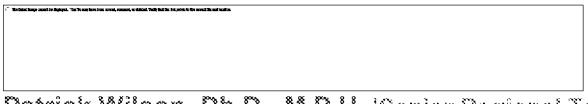

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